



| | | | | | | | |
|---|---------------------|--|------------------|---------------------------------|----------|-------------------------------|--|
| FORM PTO-1449 (REV. 2-32) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY DOCKET NO.: NC# 83,202 | | SERIAL NO.: 10/090,798 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | | | APPLICANT: Schilling, A. et al. | | FILING DATE | |
| | | | | GROUP | | 1655 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | DOCUMENT N UMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| | AA 3,957,695 | 5/18/1976 | Davies et al. | 510 | 348 | | |
| | AB 4,076,653 | 2/28/1978 | Davies et al. | 510 | 348 | | |
| | AC 5,236,612 | 8/17/1993 | Rahman et al. | 510 | 505 | | |
| | AD 5,352,387 | 10/4/1994 | Rahman et al. | 510 | 496 | | |
| | AE 5,358,656 | 10/25/1994 | Humphreys et al. | 510 | 433 | | |
| | AF 5,385,685 | 1/31/1995 | Humphreys et al. | 510 | 119 | | |
| | AG 5,360,573 | 11/1/1994 | Smith et al. | 252 | 186.39 | | |
| | AH 5,389,279 | 2/14/1995 | Au et al. | 424 | 70.19 | | |
| | AI 5,484,555 | 1/16/1996 | Schepers | 8 | 137 | | |
| | AJ 5,412,118 | 5/2/1995 | Vermeer et al. | 510 | 127 | | |
| | AK 5,616,280 | 4/1/1997 | Moore et al. | 252 | 186.29 | | |
| | AL 5,795,730 | 8/18/1998 | Tautvydas | 435 | 31 | | |
| | AM 5,863,882 | 1/26/1999 | Lin et al. | 510 | 397 | | |
| | AN 5,908,707 | 6/1/1999 | Cabell et al. | 428 | 537.5 | | |
| | AO 6,077,317 | 6/20/2000 | Murphy | 8 | 137 | | |
| | AP 6,121,165 | 9/19/2000 | Mackey et al. | 442 | 84 | | |
| | AQ 6,165,965 | 12/26/2000 | Schalitz et al. | 510 | 384 | | |
| | AR 6,270,878 | 8/7/2001 | Wegele et al. | 428 | 195 | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | BA | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|----|--|
| CA | Atrih, A., P. Zollner, G. Allmaier, M. P. Williamson and S. J. Foster. 1998. Peptidoglycan structural dynamics during germination of <i>Bacillus subtilis</i> 168 endospores. J. Bacteriol. 180: 4603-12. |
| CB | Behravan, J., H. Chirakkal, A. Masson and A. Moir. 2000. Mutations in the gerP locus of <i>Bacillus subtilis</i> and <i>Bacillus cereus</i> affect access of germinants to their targets in spores. J. Bacteriol. 182:1987-94. |

Duplicate citation. Already considered on 08/01/2005 and attached to the other citation mailed 08/17/2005

Application Serial # 10/090,798.
Applicant SCheiling, A. et al.
Group 1655

Page 2 of 2

| | | |
|-------------------------------------|----|--|
| <input checked="" type="checkbox"/> | CC | Black, S. H. and P. Gerhardt. 1961. Permeability of Bacterial Spores III. Permeation Relative to Germination. J. Bacteriol. 88:301-308. |
| <input checked="" type="checkbox"/> | CD | Doi, R. H. 1989. Sporulation and germination. In <i>Bacillus</i> . Colin R. Harwood, ed. Plenum Press: NY. p. 169-215. |
| <input checked="" type="checkbox"/> | CE | Foster, S. J. and K. Johnstone. 1990. Pulling the trigger: the mechanism of bacterial spore germination. Molecular Microbiology (4):137-41. |
| <input checked="" type="checkbox"/> | CF | Johnstone, K. 1994. The trigger mechanism of spore germination: current concepts. Journal of Applied Bacteriology Symposium Supplement. 76:17S-24S. |
| <input checked="" type="checkbox"/> | CG | Koshikawa, T., T. C. Beaman, H. S. Pankratz, S. Nakashio, T. R. Comer and P. Gerhardt. 1984. Resistance, germination, and permeability correlates of <i>Bacillus megaterium</i> spores successively divested of integument layers. J. Bacteriol. 159:624-32. |
| <input checked="" type="checkbox"/> | CH | Moir, A. and D.A. Smith. 1990. The genetics of bacterial germination. Annu. Rev. Microbiol. 44:531-53. |
| <input checked="" type="checkbox"/> | CI | Moir, A., E.H. Kemp, C. Robinson, and B.M. Corfe. 1994. The genetic analysis of spore germination. Journal of Applied Bacteriology Symposium Supplement. 76: 9S-16S. |
| <input checked="" type="checkbox"/> | CJ | Nicholson, W.L. and P. Setlow. 1990. Sporulation, germination and outgrowth. In Molecular Biological Methods for <i>Bacillus</i> . C. R. Harwood and S. M. Cutting, eds. John Wiley and Sons: NY. p. 391-429. |
| <input checked="" type="checkbox"/> | CK | Paidhungat, M, B. Setlow, A. Driks, and P. Setlow. 2000. Characterization of spores of <i>Bacillus subtilis</i> which lack dipicolinic acid. J. Bacteriol. 182(19):5505-5512. |
| <input checked="" type="checkbox"/> | CL | Sacks, L.E. 1990. Chemical germination of native and cation-exchanged bacterial spores with trifluoperazine. Appl. Environ. Microbiol. 56:1185-7. |
| <input checked="" type="checkbox"/> | CM | Sanchez-Salas, J.L., and P. Setlow. 1993. Proteolytic processing of the protease which initiates degradation of small, acid-soluble proteins during germination of <i>Bacillus subtilis</i> spores. J. Bacteriol. 175:2568-77. |
| <input checked="" type="checkbox"/> | CN | Wax, R. and Ernst Freese. 1968. Initiation of the germination of <i>Bacillus subtilis</i> spores by a combination of compounds in place of L-alanine. J. Bacteriol. 95(2):433-438. |
| <input checked="" type="checkbox"/> | CO | Wuytack, E.Y., S. Boven and C. W. Michiels. 1998. Comparative Study of Pressure-Induced Germination of <i>Bacillus subtilis</i> Spores at Low and High Pressures. Appl. Environ. Microbiol. 64: 3220-3224. |

EXAMINER

DATE CONSIDERED

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. include copy of this form with next communication to applicant.

Page 1, items AA - AR listed on said page were already considered by the Examiner on 8/1/2005 and attached to office action mailed 08/17/2005.